

ABSTRACT

In a recording condition setting method, a plurality of setting values of record timing conditions are acquired for a number of group data conforming to a linear velocity of an optical disk, rotated by a constant angular velocity (CAV), at a record position on a recording surface where information is recorded (step 557). The plurality of setting values for the number of group data are set to the optical disk device one by one at the number of times (steps 559-567). Even if the recording speed is increased and the number of group data relevant to the record timing conditions are increased greatly when compared with a conventional disk device, the optimal record timing conditions can be always set up by using the same composition as the conventional disk device according to the recording condition setting method.